

**1 OCTOBER 1997**



**Operations**

**AIR FORCE BATTLELAB POLICY**

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1. The Air Force must take advantage of the rapid pace of technology by exploring new ideas and fostering innovative technologies that will improve the capabilities of our core competencies. To do so, the Air Force is creating an environment where operations and logistics concepts – the way we want to fight – drive our investment in technology, creating a pull on the technology base. Air Force Battlelabs will focus on the mission of rapidly identifying and proving the worth of innovative and revolutionary operations and logistics concepts. The resulting Battlelab efforts will provide the Air Force opportunities to reach investment decisions more quickly and organize, train, equip, and program, more effectively. This directive establishes policy for Air Force Battlelab responsibilities, authorities, and measures of merit. It applies to all Air Force Battlelab activities.

2. The Air Force will:

2.1. Establish six Air Force Battlelabs, identify their responsible major commands (MAJCOM or Equivalent) and locations.

2.1.1. Air Force Air Expeditionary Force Battlelab (AEFB), Air Combat Command (ACC), Mountain Home AFB, ID.

2.1.2. Air Force Command and Control Battle Management Battlelab (C2BMB) ACC, Hurlburt Field, FL.

2.1.3. Air Force Information Warfare Battlelab (IWB), Air Intelligence Agency (AIA), Kelly AFB, TX.

2.1.4. Air Force Force Protection Battlelab (FPB), Air Force Security Force Center, Lackland AFB, TX.

2.1.5. Air Force Space Battlelab (SB), Air Force Space Command (AFSPC), Falcon AFB, Colorado.

2.1.6. Air Force Unmanned Aerial Vehicle Battlelab (UAVB), ACC, Eglin AFB, Florida.

**3. This directive establishes the following responsibilities and authorities:**

3.1. The Deputy Chief of Staff for Air and Space Operations (HQ USAF/XO) is responsible for policy, planning, and programming resources of Battlelabs throughout the Air Force. Battlelabs will be funded exclusively with operating and maintenance (O&M) and procurement appropriations

3.2. The Deputy Chief of Staff for Installations and Logistics (HQ USAF/IL) and the Deputy Chief of Staff for Plans and Programs (HQ USAF/XP) will work in conjunction with the Assistant Secretary for Acquisition (SAF/AQ), and Assistant Secretary Financial Management, Comptroller (SAF/FM), to rapidly develop funding alternatives to execute initiatives and to assimilate approved operations and/or logistics concepts into organizational, doctrinal, training, or acquisition efforts.

3.3. The responsible major command (MAJCOM) or field operating agency (FOA), will organize, train, equip, plan, and program resources for the Battlelabs to conduct their assigned mission. They will also report information on Battlelab activities for the previous fiscal year (FY) to HQ USAF/XOR no later than 1 January, via the "Air Force Battlelab Annual Activity Report" (See Attachment 1).

3.4. Other organizations. Air Force agencies and Department of Defense (DoD) Service may provide services and equipment in support of Battlelab Initiatives (BIs). Resources with the necessary expertise and capabilities to accomplish the mission statement and execute an initiative come primarily from test and evaluation (T&E), operational, logistics, and acquisition organizations from across the Air Force to include the Active, Guard, and Reserve Forces. This vital support is secured by MAJCOM coordination, and/or direction from HQ USAF or Office of the Secretary of the Air Force (SECAF). Air Force personnel available to provide the required expertise will normally be used in a Temporary Duty status.

3.5. Air Force Materiel Command (AFMC) will provide the expertise and capabilities necessary to assist the Battlelabs' exploration of alternative courses of action, and subsequent execution. Air Force Research Laboratories will evaluate emerging technologies for opportunities to assist in the selection, investigation, or execution of Battlelab initiatives. AFMC will assess ongoing initiative demonstrations and after initiative reports to assist initiative transition to follow-on operations and/or logistics concepts organizational, doctrinal, training, or acquisition changes.

3.6. Test and Evaluation Organizations. Air Force T&E organizations, agencies, capabilities, and facilities may provide expertise, personnel, services, and equipment in support of Battlelab initiatives.

3.7. The Air Force Doctrine Center (AFDC) will review BIs to determine their impact on Air Force doctrine and to determine whether or not they have the potential to advance one of the core competencies.

3.8. Secretary of the Air Force (SECAF) will oversee Battlelab results. Redirect as required, the way the Air Force organizes, trains, equips, commands, plans and employs air and space forces upon recommendations from the Air Force Board of Directors (BOD) based on BI results.

**4. See attachment 2 for Glossary of References, Abbreviations, Acronyms, and Terms.**

5. See attachment 1 for Measuring and Displaying Compliance with Policy.

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## Attachment 1

### MEASURING AND DISPLAYING COMPLIANCE REPORTS CONTROL SYMBOL (RCS) HAF-XOR(A)9710

**A1.1.** Emergency status code is C-3, discontinue reporting during minimize.

**A1.2.** In order to measure Battlelab process and function, each MAJCOM will send information on Battlelab activities for the previous FY to HQ USAF/XORBB no later than 1 January, via the “Air Force Battlelab Annual Activity Report,” RCS report number HAF-XOR(A)9710.” This report will contain the following:

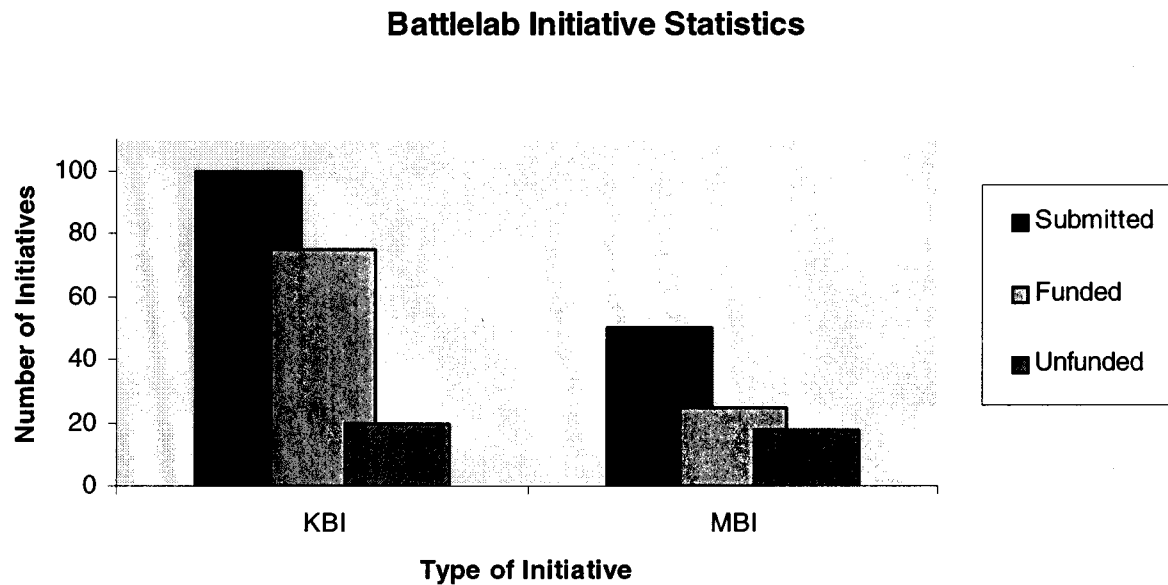
A1.2.1. Text Table--Funding: (1) Budget Authority, Committed, Obligated, Expended categories for: Temporary Duty (TDY), equipment, services, supplies, Automatic Data Processing Equipment (ADPE), telecommunication, education/training, facilities, Kenney Battlelab Initiatives (KBIs). (2) Manpower authorized and assigned by category; officer, enlisted, civilian.

A1.2.2. Battlelab Initiative Statistics: The chart (**figure A1.1.**) will display Battlelab initiative statistics, (1) the number and type of initiatives submitted for BPC review by sponsoring Battlelab, and (2) the number approved and funded for demonstration.

A1.2.3. Innovation Index. The chart (**figure A1.2.**) will display (1) the length of time from initiative submittal to Battlelab Planning Cell (BPC) review, (2) length of time from BPC review to MAJCOM approval, (3) length of time from BPC review to BOD approval (MBI only) and (4) length of time from approval to completion of after initiative report.

A1.2.4. Initiative Impact on Core Competencies. Fully explain the qualitative impact on USAF core competencies of an approved demonstration (KBI, MBI). The chart (**figure A1.3.**) will display the number and type of impact on core competencies revealed by the demonstration and recommended in the After Initiative Report. These may be categorized as: (1) revise doctrine, training, or tactics; (2) develop a Combat Mission Needs Statement and implement by way of a rapid acquisition effort; (3) modify requirements and ongoing acquisitions; (4) establish an Advanced Concept Technology Demonstration (ACTD) or Joint Test Program Initiative; (5) develop new requirements and a new acquisition program; or (6) identify another appropriate approach.

**Figure A1.1. Sample Metric of Battlelab Initiatives**



Battlelab Initiative Statistics: The chart (**figure A1.1**) will display Battlelab initiative statistics, (1) the number and type of initiatives submitted for BPC review by sponsoring Battlelab; (2) the number approved and funded for demonstration; (3) the number remaining unfunded.

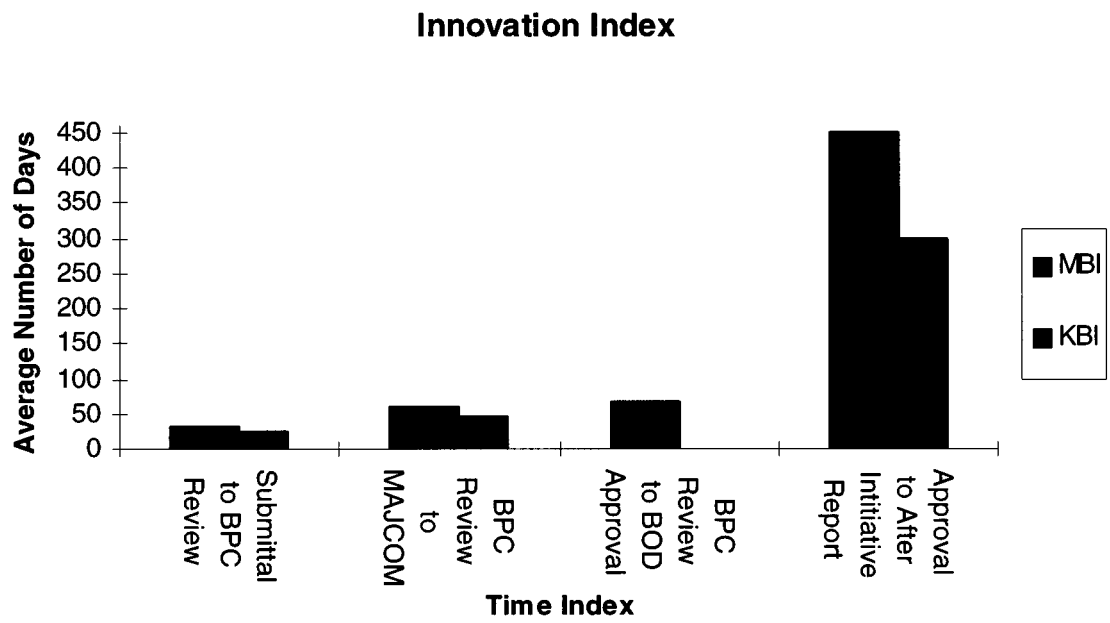
Terms: SUBMITTED--the number initiatives submitted to the BPC for review;

FUNDED--the number of initiatives approved as Mitchell or Kenney and funded for demonstration;

UNFUNDED--the number of initiatives approved as Mitchell or Kenney but not funded for demonstration.

**A1.3.** USAF/XORBB will review and track responsiveness of the initiative process. Obtain source data from RCS: HAF-XOR(A)9710(3). The chart (figure A1.2) will display (1) the length of time from initiative submittal to Battlelab Planning Cell (BPC) review, (2) length of time from BPC review to MAJCOM/ Board of Directors approval (MBI), and (3) length of time from approval to completion of after initiative report.

Figure A1.2. Sample Metric of Initiative Process Responsiveness.

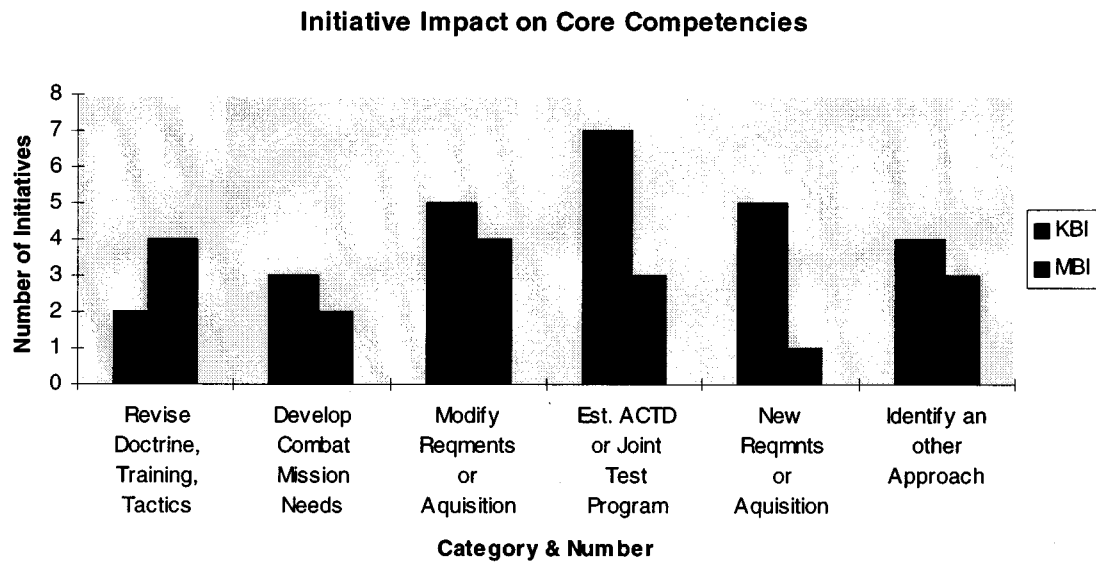


**A1.4.** USAF/XORBB will review and track implemented initiatives and affected core competencies. Obtain source data from RCS: HAF-XOR(A)9710(3). The chart (**figure A2.3**) will display the number and type of impact on core competencies revealed by the demonstration. These may be categorized as: (1) revise doctrine, training, or tactics; (2) develop a Combat Mission Needs Statement and implement by way of a rapid acquisition effort; (3) modify requirements and ongoing acquisitions; (4) establish an Advanced Concept Technology Demonstration (ACTD) or Joint Test Program Initiative; (5) develop new requirements and a new acquisition program; or (6) identify another appropriate approach. **REPORTS CONTROL SYMBOL (RCS)** HAF-XOR(A)9710.

**NOTE:**

The user of this instruction is responsible for verifying the currency of the cited document.

**Figure A1.3. Sample Metric Number of Initiatives Impacting Core Competencies.**



## **Attachment 2**

### **GLOSSARY OF REFERENCES, ABBREVIATIONS, ACRONYMS, AND TERMS**

#### **References**

Global Engagement

AFPD 10-14, *Modernization Planning*

CJCS MOP 77, Requirements Generation System Policies and Procedures, September 17, 1992

Joint Pub 1-02, Department of Defense Dictionary of Military and Associated Terms, March 23, 1994.

AFI 10-1901, *Air Force Battlelabs Documentation*

AFPD 37-1, *Air Force Information Management*

AFI 37-123, *Management of Records* (formerly AFR4-1)

AFI 37-124, *Management and Control of Information Reports Requirements* (formerly AFR12-35)

AFI 37-132, *Air Force Privacy Act Program (PA)* (formerly AFR 4-38)

#### **Abbreviations and Acronyms**

**ACC**—Air Combat Command

**ADPE**—Automatic Data Processing Equipment

**AEFB**—Air Expeditionary Force Battlelab

**AFDC**—Air Force Doctrine Center

**AFMC**—Air Force Materiel Command

**AFI**—Air Force Instruction

**AFPD**—Air Force Policy Directive

**AFR**—Air Force Regulation

**AFSPC**—Air Force Space Command

**AFRL**—Air Force Research Laboratory

**AIA**—Air Intelligence Agency

**AQ**—Assistant Secretary of the Air Force for Acquisition

**BI**—Battlelab Initiative

**BPC**—Battlelab Planning Cell

**BOD**—Air Force Board of Directors

**CJCS**—Chairman of the Joint Chiefs of Staff

**C2BMB**—Command and Control Battle Management Battlelab

**DoD**—Department of Defense



**FPB**—Force Protection Battlelab  
**FM**—Assistant Secretary of Air Force for Financial Management, Comptroller  
**FOA**—Field Operating Agency  
**FY**—Fiscal Year  
**HAF**—Headquarters Air Force  
**HQ USAF**—Headquarters, United States Air Force  
**IWB**—Information Warfare Battlelab  
**IL**—Deputy Chief of Staff for Installations and Logistics  
**MAJCOM**—Major Command  
**MOP**—Military Operating Procedure  
**O&M**—Operations and Maintenance  
**SB**—Space Battlelab  
**RCS**—Reports Control Symbol  
**T&E**—Test and Evaluation  
**UAVB**—Unmanned Aerial Vehicle Battlelab  
**XO**—Deputy Chief of Staff, Air and Space Operations  
**XOR**—Directorate of Operational Requirements  
**XORBB**—Battlelab Integration Division  
**XP**—Deputy Chief of Staff for Plans and Programs

### *Terms*

**Battlelab Initiative**—An innovative or revolutionary operations or logistics concept capable of improving the Air Force’s capability to execute its core competencies and will drive changes to organization, doctrine, training, requirements, or acquisitions.

**Core Competencies**—Air and Space Superiority, Global Attack, Rapid Mobility, Precision Engagement, Information Superiority, and Agile Combat support.

**Demonstration**—To show, evidence, establish, prove.

**Facts**—An illustration such as a map, drawing, photograph, or flow chart, or other pictorial device inserted into a publication. Additionally, a figure can be an illustration that is set in type such as a sample format or memorandum.

**MINIMIZE**—A procedure used during periods of crises or other abnormal periods to reduce the volume of record and long distance telephone traffic ordinarily transmitted electrically. MINIMIZE applies to all users of Department of Defense (DoD) communications systems, including originators of tape traffic. When MINIMIZE is imposed, users of DoD electrical communications must determine that (1) the information to be sent is required to avoid a seriously detrimental impact on mission accomplishment or safety of life; and (2) electrical transmission is the only way to get the information to the addressee in

sufficient time to accomplish the purpose.

**Policy**—A statement of important, corporate-level direction which guides Air Force decisions. Policy is enforceable, and compliance is measurable. Policy is the framework connecting the abstract ideas or principles contained in vision, mission, and purpose statements to the specific and concrete statements of plans, goals, and objectives. Policy can be viewed as establishing bounds within which the organization will operate. Policy provides both a focus for Air Force action and a guide for the behavior of the organization and its members.

**Procedures**—The specific instructions on how to comply with a policy; the exclusive purview of Major Commands and FOAs (except where there is no supportive FOA). As a general rule, AFPDs will not spell out detailed procedures in order to give field organizations the greatest latitude possible to determine how a given policy is to be implemented under local conditions.

**Standards**—The criteria described in a desired end result. A description of a level attainment used as a measure of adequacy.

**Table**—A systematic listing of information in columns or rows used to explain, clarify, or replace narrative text in a publication.

**Text Table**--Column heads run across the page and the information for each head is entered by row below the head.